

THIRD MID TERM TEST - 2025

Standard VII

Reg.No.

SCIENCE

Time : 1.30 hrs

I. Choose the correct answer

Marks : 50

5 x 1 = 5

1. Light is a form of _____
a) matter b) energy c) medium d) particle
2. _____ surface reflects the light well
a) water b) compact disc c) mirror d) stone
3. The moon takes _____ days to complete one revolution around the Earth
a) 25 b) 26 c) 27 d) 28
4. Telescope was invented by _____
a) Han Lippershey b) Galileo
c) Nicolus Copernicus d) ptolomy
5. The first man - made fibre is _____
a) Nylon b) Polyester c) Rayon d) cotton

II. Fill in the blanks:-

5 x 1 = 5

6. A plane mirror produces a _____ image.
7. Sunlight is a blend of _____ colours.
8. _____ is the first satellite launched by India.
9. Waxing of Moon means _____
10. A natural fibre is called _____

III. Match the following:

5 x 1 = 5

- | | | |
|-----------------------------|---|-------------------------|
| 11. Rectilinear Propagation | - | SLV -3 |
| 12. Plane mirror | - | GSLV - D5 |
| 13. The sun | - | Pinhole camera |
| 14. Rohini | - | Periscope |
| 15. GSAT - 14 | - | Primary source of light |

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VII Science

IV. True or False - If False give the correct answer.

5 x 1 = 5

16. We see planets because they reflect light from the sun.
17. The image formed in a pinhole camera is always inverted.
18. Galileo accepted the Geo - centric model.
19. Our Milky way galaxy is identified as an elliptical galaxy.
20. A lot of plastic pollutes our environment.

V. Give short answer. Write any Seven Questions only

7 x 2 = 14

21. What are luminous objects?
22. What is prism?
23. What do you mean by visible light?
24. Name the primary colours.
25. Give the expansions of PSLV and GSLV.
26. What is Constellation?
27. Name the four different types of galaxies.
28. What is the 5R Principle?
29. What kind of fabric is suitable to dress - up and play in the summer.
30. What are the properties of shadow?

VI. Answer in detail. write any four Questions only

4 x 4 = 16

31. With the help of a diagram, state the laws of reflection.
32. A light ray strikes a reflective plane surface at an angle of 43° with the plane surface
 - i) Find the angle of incidence.
 - ii) Find the angle of reflection.
33. Explain the waxing and waning phases in venus.
34. Suggest safe methods of disposing plastics
35. a) What is epicyclic model?
b) What are the parts of shadow?
